

## HCM 200D ZONING MANAGER

### PRODUCT DATA



### GENERAL

The Zoning Manager HCM 200D is designed to provide home automation control. HCM 200D includes both, the 433 MHz and 868 MHz transceiver. This provides backward compatibility to all 433 MHz components within the Hometronic family and capabilities to control radiator controllers such as HR 80 and further products based on 868 MHz technology. Due to the modular design and architecture, the HCM 200D can be configured and upgraded according to individual customer requirements. It covers a wide range of applications in terms of:

- **Comfort**  
Individual room temperature control for radiators and under floor heating.
- **Convenience**  
Shutter, lighting control, appliance and cooling control.
- **Security and safety**  
Presence simulation, alarm messages, and sensor contact detection.

Remote access is possible via phone (internet on request). The HCM 200D user interface is the same as the HCM 200. The programming philosophy combined with the operation keys makes this product easy to program and use.

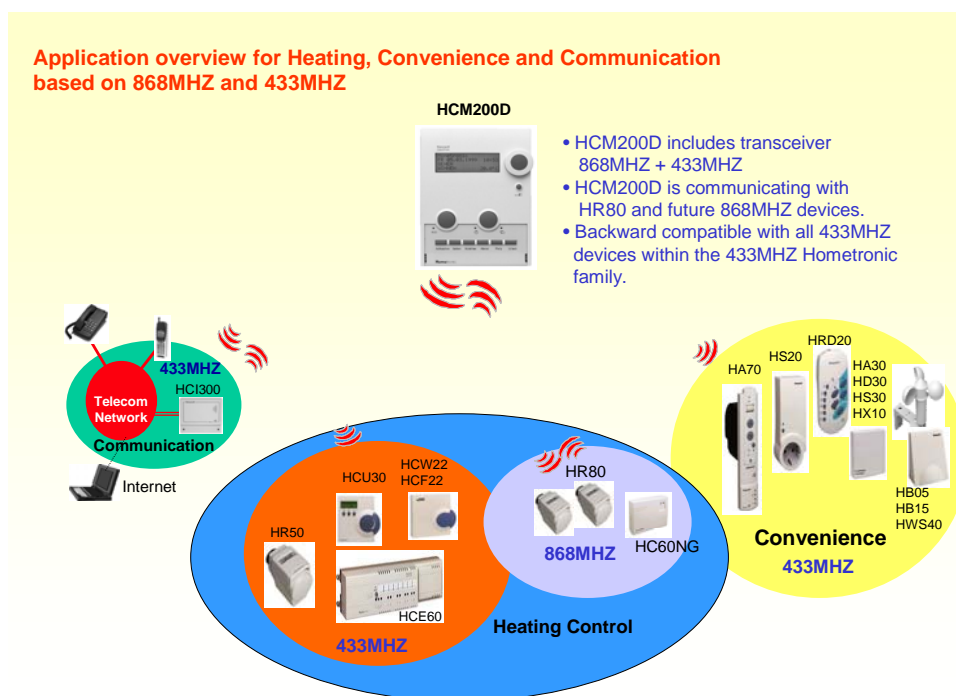
### FEATURES

- **Usable for upgrading CM Zone applications to expand individual room temperature control for up to 16 zones**
- **433 MHz and 868 MHz reliable RF communication utilizing 868 MHz band with 1% duty cycle limit to minimize communication disturbance**
- **High performance:**
  - Up to 1600 switching points
  - 16 lifestyles with 400 actions
  - 32 modules for shutter, lighting and appliance control
  - Up to 16 allocatable sensors
  - Upgradeable software via download
- **User friendly interface:**
  - backlit display (4 lines, 20 characters)
  - dial button (turn/press)
  - ECO and Auto/Manu button
  - dedicated life style buttons
- **Individual room temperature control for up to 16 different zones (rooms) with radiator and under floor heating control**
- **Heating/Cooling functionality**
- **Full integration of HR80 functionalities:**
  - Local operation lock disables manual overwrite HR 80 optimization
  - Set point limit min.
  - Set point limit max.
- **Window function** (set point will be changed if the window is open/closed)
- **Boiler feedback dependent on the set point and on the valve position (HR80 only)**
- **Analog output for boiler feedback (MCR36/40/200/ZGxx)**
- **Individual shutter and awning control dependent on the time program, brightness and room/outside temperature**
- **Individual lighting control dimming function**
- **Security and safety functions:**
  - Presence simulation
  - Detection of sensor contact (water leakage)
  - Alarm messages sending via phone
- **Appliance control switch ON/OFF electrical devices**
- **Water stop control**

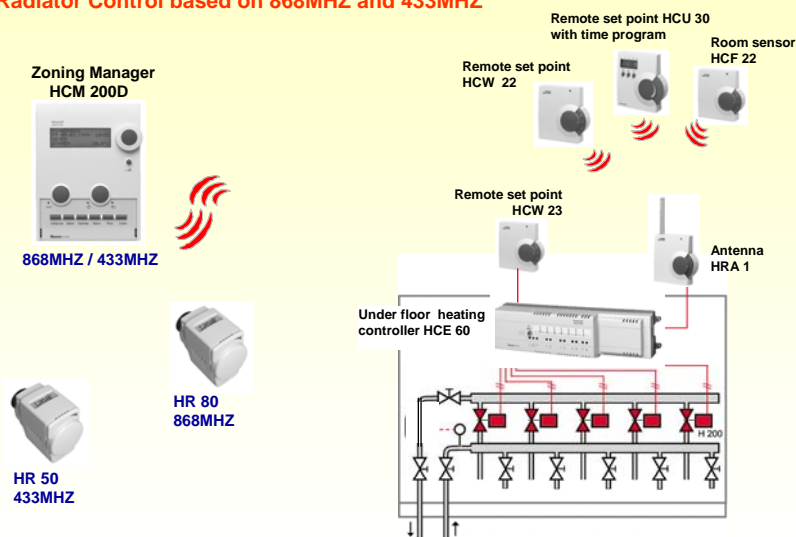
## SPECIFICATIONS

<b>Operating voltage</b>	2 V AC/DC
<b>Power consumption</b>	4 VA
<b>Batteries</b>	3 x size AA, Micro 1.5 V
<b>Battery replacement</b>	Program retained in EEPROM
<b>Dimensions (HxWD)</b>	170 x 127 x 40 mm
<b>Display</b>	Backlit ( 4 lines, 20 characters per line)
<b>Operating temperature</b>	to 40 °C
<b>Shipping and storing Temperature</b>	-20 to +70 °C
<b>Humidity</b>	5 to 93 %, non condensing
<b>IP class</b>	IP30
<b>Safety class</b>	2
<b>Approval</b>	CE, countries outside EU require country specific RF approval
<b>RF communication range</b>	max. 30 m in a residential building environment range
<b>RF operation band</b>	LPD (868.0 – 868.6) MHZ, 1 % duty cycle ISM 433 MHZ (433.150 – 434,700) 10 % duty cycle
<b>Receiver Class</b>	2

## APPLICATION EXAMPLES

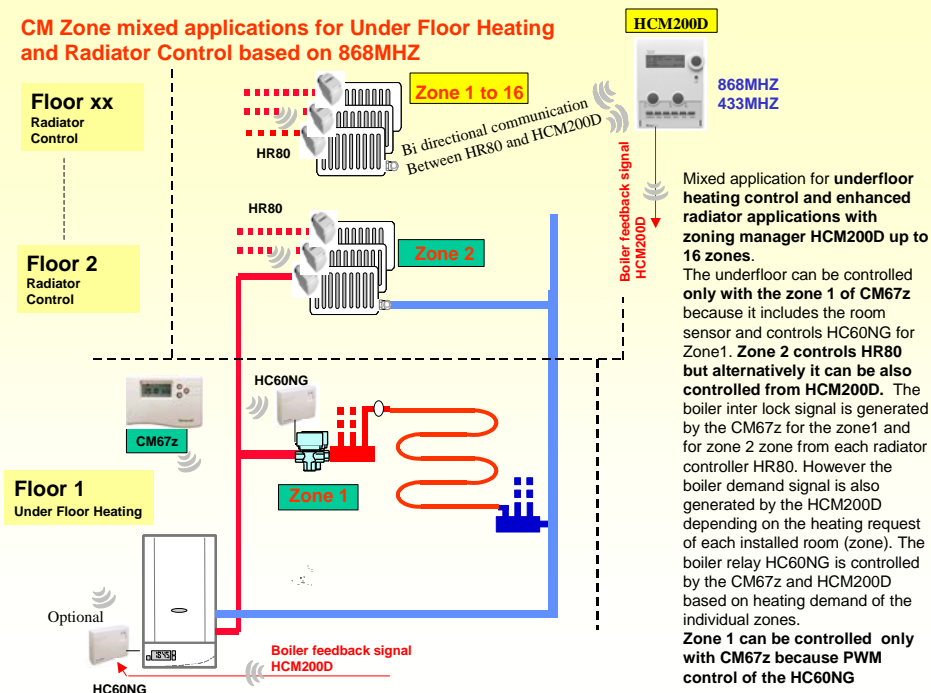


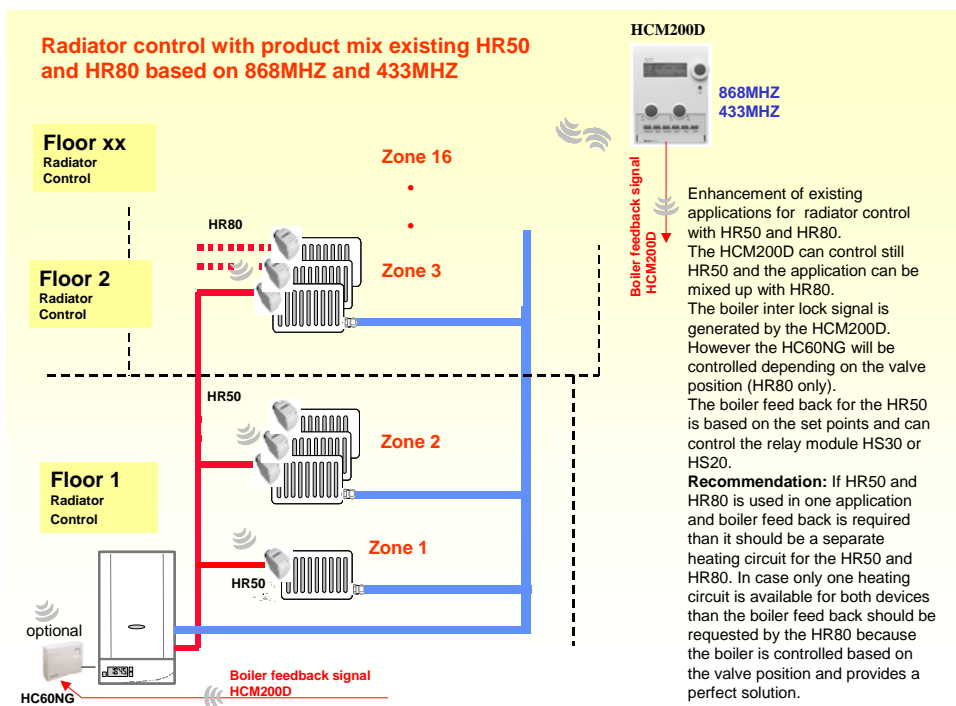
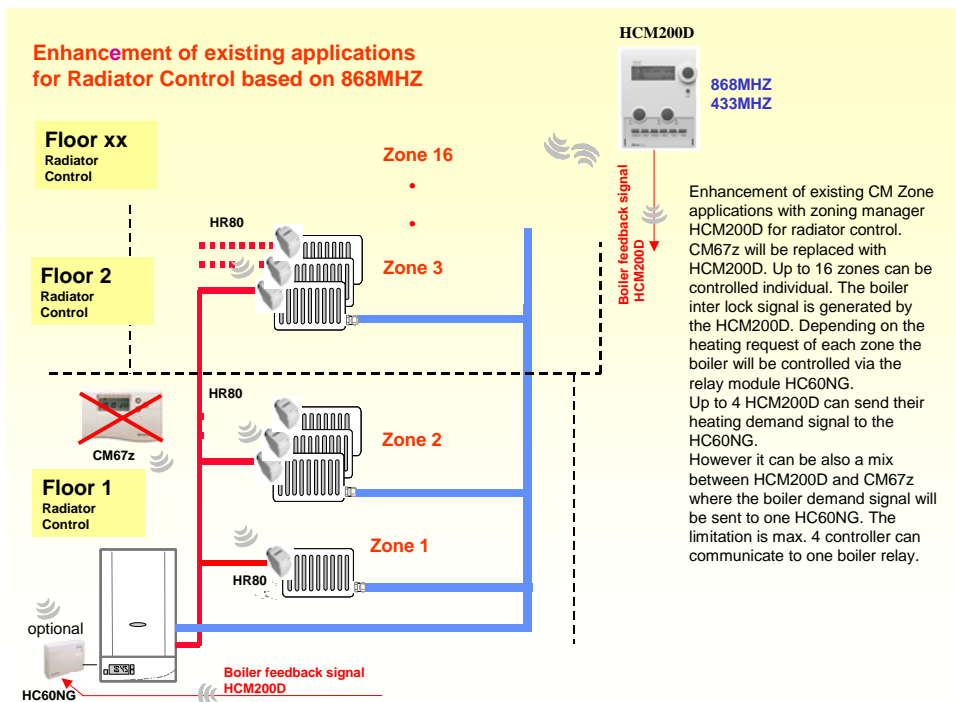
### Heating application for Under Floor Heating and Radiator Control based on 868MHZ and 433MHZ



Optional Boiler feedback with boiler relay and analogue output (TW)

### CM Zone mixed applications for Under Floor Heating and Radiator Control based on 868MHZ







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The right is reserved to make modifications

This company is certificated to **DIN EN ISO  
9001/14001**

Honeywell Inc. hereby declares that this device complies with the basic requirements and other relevant regulations of guideline 1999/5/EC. The declaration of conformity of the product can be requested from the manufacturer.

Note to non-EU countries: This product may only be used if operation in the 433 MHz and 868 MHz frequency band is permissible.

